

ABSTRACT

The developer of the present invention is used in a method where a water-soluble resin coating layer is applied on a resist pattern formed by the conventional method, and the coating layer is crosslinked by an acid supplied from the resist, and the uncrosslinked area in the coating layer is dissolved and removed with a developer to thicken the resist pattern. This developer comprises an aqueous solution containing at least one surfactant selected from an N-acylsarcosinate, an N-acyl-N-methylalaninate, an N-acyltaurinate, an N-acyl-N-methyltaurinate, a fatty acid alkylol amide, and a fatty acid alkylol amide polyoxyethylene adduct.